

S-234/62

Joint Session of the Ukrainian Microbiological and
Astronomical Societies, by S. N. Kharchenko,
(SF-2214)

UKRAINIAN, per, Mikrobiolog Zhur, Vol XXIV, No 1,
1962, p 66.

*JPRS

Sci - Misc
17 Apr 62

Zakharova, I. Y.
POLYSACCHARIDES OF THE COMPLETE ANTIGEN
AND POLYSACCHARIDE-CONTAINING FRACTIONS
OF B. BRESLAU AND OF SECONDARY CULTURES
GENERATED FROM ITS FILTRATES. III. QUANTI-
TATIVE DETERMINATION OF MONOSACCHARIDES
IN POLYSACCHARIDES BY CHROMATOGRAPHY.
[1963] [10p] 6refs FASEB Manuscript no. S362-2.
Order from OTS, SLA, or ETC \$1.10 TT-63-23899

Trans. of Mikrobiologichnyi Zhurnal (USSR) 1962,
v. 24, no. 2, p. 18-22. (Abstract available)

DESCRIPTORS: "Polysaccharides," "Antigens and
antibodies," "Monosaccharides," "Chromatographic
analysis."

The polysaccharides contained in the complete antigen
I, in the "loosely bound" and "strongly bound" fractions
of B. Breslau and of the secondary cultures No. 36 and
(Biological Sciences--Microbiology, TT, v. 11, no. 5)
(over)

TT-63-23899

- I. Title: *Bacillus Breslau*
- II. Zakharova, I. Y.
- III. FASEB S-362-2
- IV. FASEB S-362-2
- V. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- VI. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Rashba, O. Ya. and Mostovova, G. O.
ANTIBACTERIAL ACTIVITY OF ARENARIN IN RELATION TO THE TIME IMMORTELLE IS GATHERED AND OTHER CONDITIONS. [1963] [13p] 5refs FASEB manuscript no. S 363-2.

Order from OTS, SLA, or ETC \$1.60 TT-63-24511

Trans. of Mikrobiologichnyi Zhurnal (USSR) 1962, v. 24, no. 2, p. 18-54. (Abstract available)

DESCRIPTORS: *Antibiotics, Plants (Botany), *Biological assay, Drugs, Staphylococcus.

Arenarin prepared from Immortelle Helichrysum arenarium obtained from different, not necessarily remote, areas at the same stage of its growth is different in antibacterial activity. Arenarin is most active when obtained from Immortelle found in sunny areas. The most active Arenarin is obtained from (Biological Sciences--Pharmacology, TT, v. 11, no. 1) (over)

TT-63-24511

1. Title: Arenarin
2. Title: Helichrysa
3. Title: Immortelle
- I. Rashba, O. Ya.
- II. Mostovova, G. O.
- III. FASEB-S-363-2
- IV. Federation of American Societies for Experimental Biology, Washington, D. C.
- V. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

A Simple Procedure for Checking the Bacteriological Purity of Cultures of Unicellular Algae and Detecting Bacterial Mutants, by V. A. Kordyuk, Z. V. Lasuninovich, et al.

RUSSIAN, per, Mikrobiologicheski Zhur, Vol XXIV,
No 4, 1962, pp 61-65. 9068161

USDA Tr A-1367

d 16, 8-2

Sci - Biol
Nov 62

<p>Romantsova, V. Ya. DEGREE OF HEREDITARY CONSOLIDATION OF TRANSFORMANTS OF AGGLUTINABLE PROPERTIES ACQUIRED ON ASSIMILATION OF HETEROGENOUS DNK (Stupin'Spadkovogo Zakriplemya u Transformantiv Agiyutiyayl'nikh Vlastivostei, Nabitikh pri Asimiliatsii Chuzhoridznoi DNIQ). [1964] [12p] (foreign text included) 7refs FASEB Ms no; S688-3. Order from OTS, SLA, or ETC \$1.60 TT-64-15410 Trans. of <u>Mikrobiologichnyi Zhurnal</u> (USSR) 1962, v. 24, no. 5, p. 20-25.</p> <p>(Biological Sciences--Microbiology. TT. v. 12, no. 3)</p>	<p>TT-64-15410</p> <p>I. Romantsova, V. Ya. II. FASEB-S-688-3 III. Federation of American Societies for Experimental Biology, Washington, D. C. IV. Scripta Technica, Inc., Washington, D. C.</p> <p>Office of Technical Services</p>
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On the Semination of Air in Biotron Wards and
Control Premises With Hemolytic Cocci and the
Biological Properties of These Cocci, by L. V.
Grigor'yeva, V. A. Yaroshenko.

RUSSIAN, per, Mikrobiol Zhur, Vol XXIV, No 5, 1962,
pp 30-34. 9209779

USDA Tr V-1811

Sci - Biol & Med Sci
Jul 63

236, 224

THE EFFECT OF TIOCENSIS OF INTESTINAL MICRO-
FLORA ON THE DEVELOPMENT OF RADIATION SICKNESS,
BY G. G. VASILENKO, 6 PP.

RUSSIAN, PER, MIKROBIOLOGICHNYY ZHURNAL,
VOL XXIV, NO 5, 1962, PP 35-38.

JPRS 17170

SCI - MED

JAN 63

219,626

Romantsova, V. Ya.
FORMATION OF DOUBLE TRANSFORMANTS IN
BACTERIA DURING ASSIMILATION OF HETERO-
GENIC DNA. [1963] [10p] 11refs FASEB manuscript
no. S 231-3.
Order from OTS, SLA, or ETC \$1.10 TT-64-13517
Trans. of Mikrobiologicheskiy Zhurnal (USSR) 1962,
v. 24, no. 6, p. 52-56.

TT-64-13517

- I. Romantsova, V. Ya.
- II. FASEB-S-231-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

(Biological Sciences--Microbiology, TT, v. 11, no. 11)

Office of Technical Services

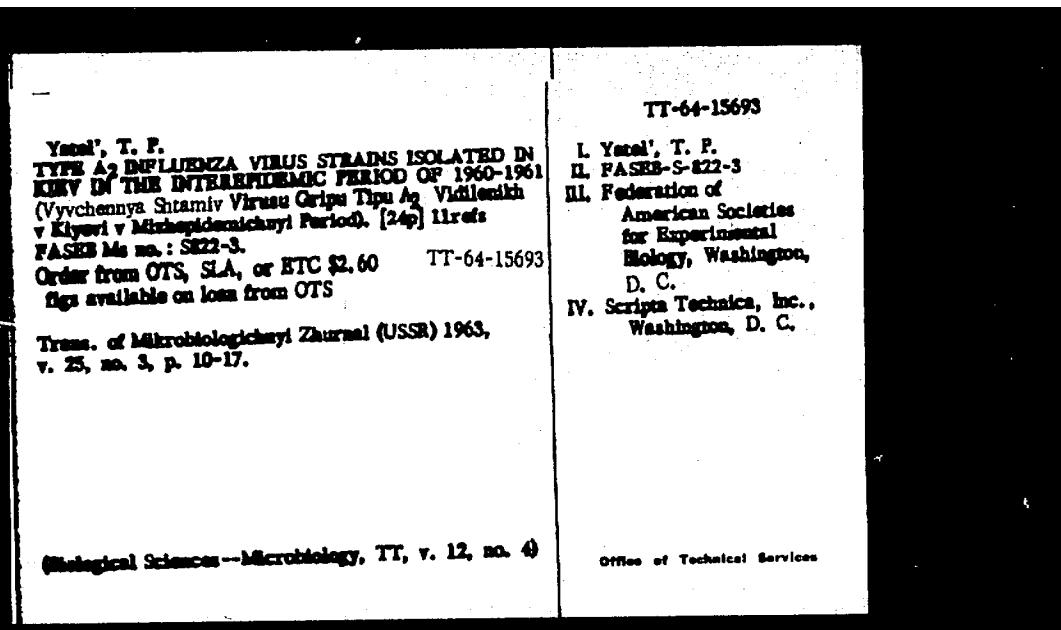
Toxino Formations by Phytopathogenic
Bacteria, by M. S. Matisevska, 17 pp.
UKRAINIAN, per, Mikrobiologichnyy
Zhur, Vol XXIV, No 6, 1962, pp 57-63, 9698944
FTD-TT-65-1612

Sci - Biol & Med Sci
Jan 66

294,718

Data on the Study of Bacterial Contamination of
Atmospheric Air of the City of Odessa, by
O. Yu. Grigorashchenko, L. M. Kharms. 9 pp.
RUSSIAN, per, Mikrobiologichnyy Zhurnal, Vol 25,
No 1, 1963, pp 35-41.
AIR/FID-HT-23-35-70

sci/b and m
may 70



Bel'tyukova, K. G. and Matishova'ka, M. S.
EFFECT OF GIBBERELLIN ON PLANT RESISTANCE
TO DISEASE (Vplyv Giverelinu na Stiykist' Roslin o
Zakhvoruvan'). [1964] [18p] Srefs FASEB Ma no.:
S826-3.

Order from OTS, SLA, or ETC \$1.60 TT-64-15451

Trans. of Mikrobiologichnyi Zhurnal (USSR) 1963,
v. 25, no. 3, p. 64-70.

(Biological Sciences--Microbiology, TT, v. 12, no. 3)

TT-64-15451

- I. Bel'tyukova, K. G.
- II. Matishova'ka, M. S.
- III. FASEB-S-826-3
- IV. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

MICROBIOLOGICAL INVESTIGATION OF SOME PEATS OF
THE UKRAINIAN SSR BY V. G. DUDCHENKO, 8 PP.

UKRAINIAN, PER, MIKROBIOLOGICHNYI ZHUR, VOL XXV,
NO 4, 1963, PP 34-39.

JPRS 21623

SCI - BIOL & MED SCI
OCT 63

240, 597

R-4072-D

Effect of Gibberellin and Other Biologically Active Substances on Potato Viruses, by L. K. Zhrebchuk.

RUSSIAN, per, Mikrobiolo Zhur, Vol XXV, No 5, 1963, pp 13-18.

*JPRS/Army Bio Lab

Sci - Biol & Med
May 64

R-4072-D

On Bacterial Wilt of Soybeans in the Ukraine, by
V. Muras.

RUSSIAN, per, Mikrobiolog Zhur, Vol XXV, No 5,
1963, pp 49-52.

*JPRS/Army Bio Lab

Sci - Biol & Med
May 64

R-4072-D

Significance of Certain Physical Factors in the
Sanitation of Soy-beans Affected by Bacteriosis,
by M. Krasnova.

RUSSIAN, per, Mikrobiolog Zhur, Vol XXV, No 5,
1963, pp 52-57.

*JPRS/Army Biol Lab

Sci - Biol & Med
May 64

Rashba, O. Ya. and Zaichenko, O. M.
INVESTIGATION OF AMYLASE AND SUCRASE
ACTIVITY OF MYCELIAL WASTES FROM THE PRO-
DUCTION OF PENICILLIN AND STREPTOMYCIN.
[1963] [10p] 4refs
FASEB Manuscript no.: S 229-3.
Order from OTS, SLA, or ETC \$1.10 TT-63-24486

Trans. of Mikrobiologichnyi Zhurnal (USSR) 1962,
v. 24, no. 6, p. 32-36. (Abstract available)

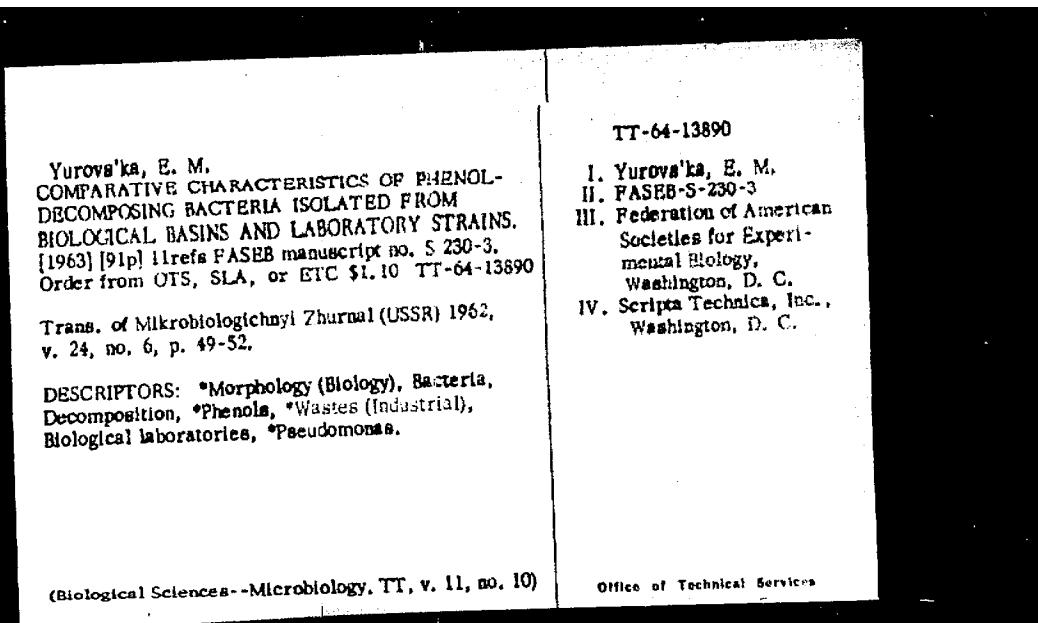
DESCRIPTORS: *Glycoside hydrolases, Enzymes,
*Wastes (Industrial), *Penicilline, *Streptomycins

The mycelial waste from penicillin and streptomycin
production were analyzed to determine the amylase and
sucrase content. After preparing the enzymatic extract,
the amylase content was determined by the maltose
content in a mixture of the enzymatic extract and starch
solution. An aqueous extract of the mycelia was used in
(Biological Sciences--Biochemistry, TT, v. 11, no. 6)
(over)

TT-63-24486

- I. Rashba, O. Ya.
- II. Zaichenko, O. M.
- III. FASEB-S-229-3
- IV. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services



<p>Zherebchuk, L. K. GIBBERELLIN ACTION ON WRINKLED MOSAIC VIRUS IN POTATOES (Dlya Giberellin na Virusy Zmorshkuyot I. Zaliky Kartopli). [1963] [12p] 15refs FASEB manuscript no. S444-3. Order from OTS, SLA, or ETC \$1.60 TT-64-13465 Trans. of <u>Mikrobiologicheskiy Zhurnal</u> (USSR) 1963, v. 25, no. 1, p. 3-8.</p> <p>DESCRIPTORS: *Viruses, *Potatoes, *Growth substances, Plants (Botany).</p> <p>(Agriculture--Plant Cultivation, TT, v. 11, no. 9)</p>	<p>TT-64-13465</p> <p>I. Title: Mosaic virus I. Zherebchuk, L. K. II. FASEB-S-444-3 III. Federation of American Societies for Experi- mental Biology, Washington, D. C. IV. Scripta Technica, Inc., Washington, D. C.</p> <p>Office of Technical Services</p>
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Bacterial Flora of Shrimp, by K. I. Sur'yaninova.

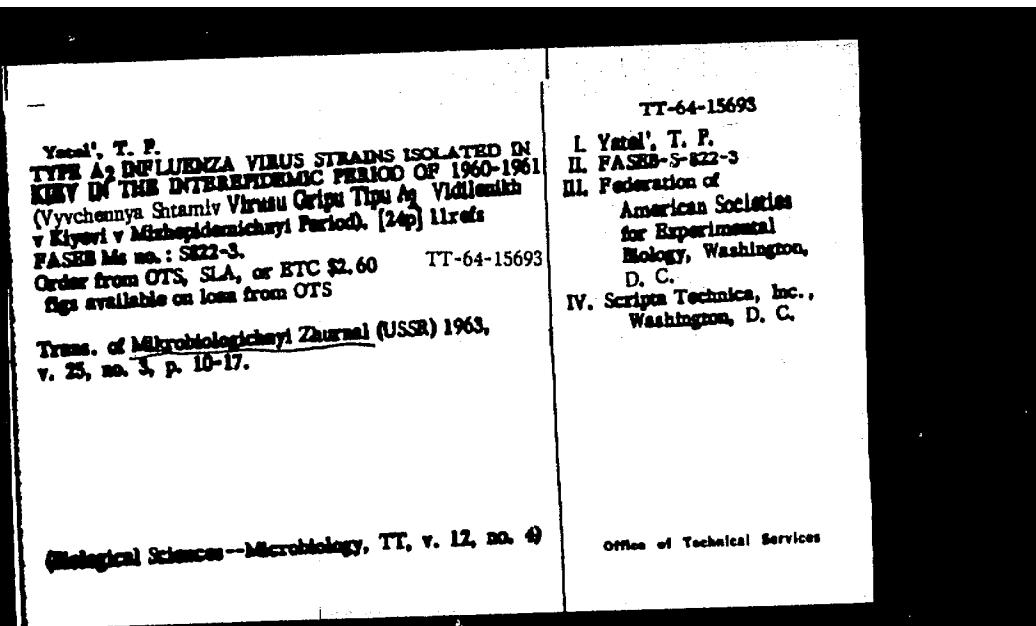
10 pp.

RUSSIAN, per, Mikrobiologichnyi Zhurnal, Vol 25,
No 1, 1963, pp 41-43.

SLA TT-64-19283

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Jul 66

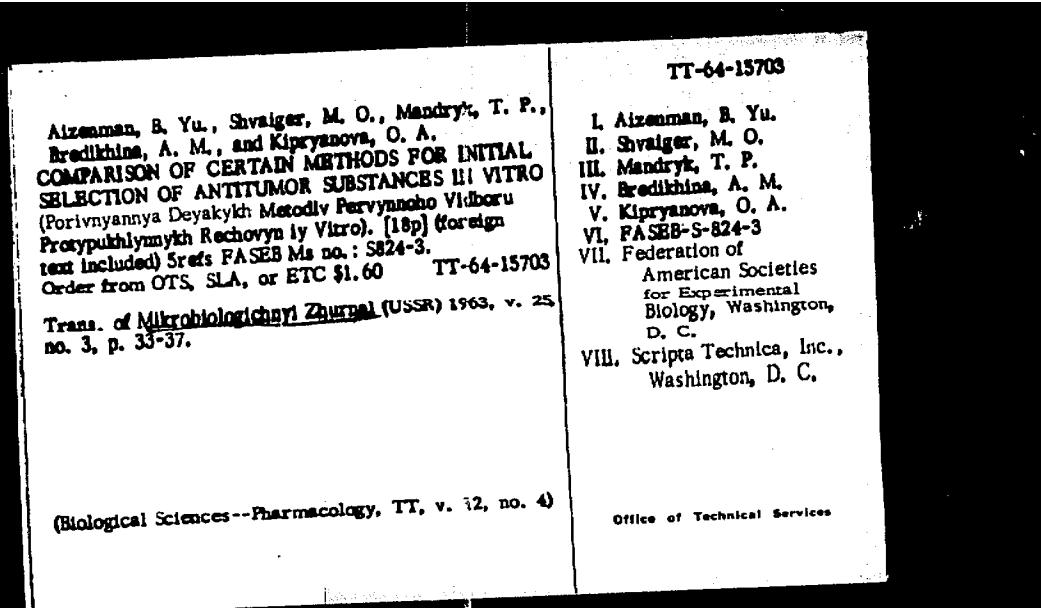
305,905

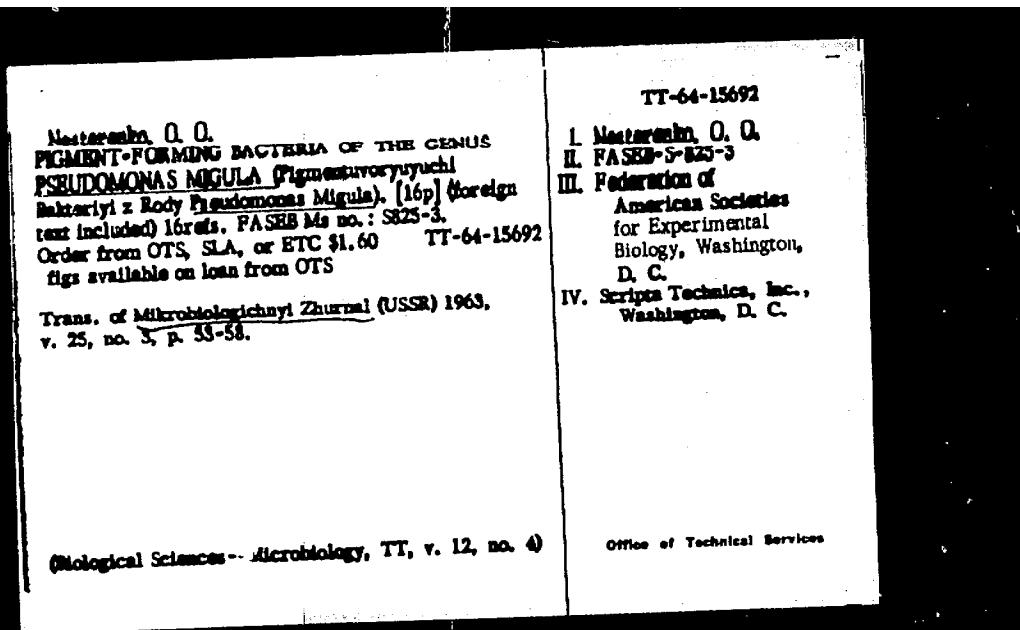


Effect of Prolonged Preservation of Tumor Tissue
in Formalin and its Antigenic Properties, by
S. P. Lisova. 8 pp.
RUSSIAN, per, Mikrobiologichnyi Zhurnal, Vol 27,
No 3, 1965, pp 24-27.
CFSTI TT-66-16057

Sci/B&M
Apr 67

322,401





Anticancerous Antibiotics, by B. Yu. Ayzemman, 19 pp.,
IN UKRAINIAN, per, Mikrobiolog. Zhur., Vol XXXV, No 6,
1963, pp 44-53.

JPRS 23525

Sci-Biol
Mar 64

251,530

Antigenic Properties and Antigenic Structure of
Complexes Containing Polysaccharide of Enteropathogenic
and Non-Typable Strains of Esch. Coli, by S.V.
Drobotko-Afonskaya and I. Ya. Zakharova, 9pp
UKRAINIAN, Per, Mikrobiologichnyy Zhurnal, Kiev,
vol XXVI, No 4, 1964, pp 3-8
JPRS 27471

Sci-Biol & Med
Jan 65

271,896

S-1074/64

On the Possibility of Detecting Botulism Bacillus
Toxin in Water by the Method of Determining
the Phagocytic Index, by S. M. Minervin,
A. F. Stoyanovskiy, et al. 44(NY-9416)

UKRAINIAN, per, Mikrobiol Zhur, Vol XXVI, No 4,
1964, pp 13-16.

JPRS 27,471

Sci - B & M Sci
15 Oct 64

S-1074/64

On the Microflora of a Free Skin Graft in Case of
Plastic Surgery of Clear Operative Wounds and the
Effect of Imanine on It, by O. V. Dol'nitskiy,
P. S. Volosovets. 4 M (NY-9416)

UKRAINAIN, per, Mikrobiol Zhur, Vol XXVI, No 4,
1964, pp 46-48.

JPRS 27,471

Sci - B & M Sci
15 Oct 64

Bio. Lab T-425-1

R-7106-D
6 June 66

Electron microscopic studies on Rickettsia prowazekii
in ultra thin sections of the volds

By: G. P. Gandzii, B.G. Zatulovskii, and L. La Shkol'-
nik

From: MIKROBIOL. ZH. (Kiev), 26:58-63, 1964 (6 pp)

Russian - est for wds:

Translate and type 1 camera ready copy. Document
can be cut. Make cover as sample attached. T-425-1.

Pustular Bacteriosis of Soya and the Biology of its
Causative Agent, by V.A. Muras, 6pp
UKRAINIAN, per, Mikrobiologichnyy Zhurnal, Kiev,
Vol XXVI, No 4, 1964, pp 62-65
JPRS 27471

Sci-/Biol & Med
Jan 65

271,897

The Use of Trace Elements to Control Alfalfa and
Clover Bacteriosis, by K.I. Bel'tyukova, and M.S.
Matyshevskaya, 5pp
UKRAINIAN, per, Mikrobiologichnyy Zhurnal, Kiev,
Vol XXVI, No 4, 1964, pp 66-70
JPRS 27471

Sci-Biol & Med
Jan 65

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The Antimicrobial Properties of Salicylanilide
and Its Derivatives, by G. V. Bulik, I. O.

Vasil'evskii, 25 pp.

RUSSIAN, per, Mikrobiologicheskiy Zhurnal,
Vol 26, No 4, 1964, pp 60-65.

CWTI EA-66-12532

FSTC-HT-23-204-69

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Sci - RUSSIAN Biological and Medical
Agr 67

All-Union Conference on Biosynthesis of Amino
Acids, Vitamins, and Microbial Biomes, by Ye.
I. Kvasnikov, D. M. Iuskova, O. O. Nesterenko,
7 pp.
UKRAINIAN, per, Mikrobiologichiy Zhurnal, Vol
26, No 6, 1964, pp 71-74.
JPRS 29209

Sci-B/M
Mar 65

276,504

Microbial Population of Oceans and Seas, by

A. Ye. Kriss. 287 pp.

RUSSIAN, bk, Mikrobnoe Naseleniye Mirovogo

Okeana, 1964, 297 ppp.

Dept of Interior

Bureau of Commercial Fisheries

Office of Foreign Fisheries

A-30-July 1969-No 10

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MICROBES AND THE COSMOS, BY N. I. RYBAKOV,
25 PP.

RUSSIAN, BK, MIKROBY I KOSMOS, MOSCOW, 1962,
PP 1-32.

JPRS 16402

SCI - SP RESEARCH

DEC 62

217,118

Microelectrode Technique, by P. G. Kostyuk,
131 pp.

RUSSIAN, bk, Mikroelektrodnaya Tekhnika, Kiev,
1960, pp 1-126.

JMS 16028

Sci - Med

Nov 62

217 586

Zinc, Copper, Cobalt and Molybdenum in Some
Soils in the European Part of the USSR
by Yu. L. Donskikh, V. Ye. G. Zhuravleva,
et al., 31 pp.
RUSSIAN, in: Mikroelementy v Nekotorykh
Pochvakh SSSR, Moscow, 1964, pp 85-113.

JPRS 26040

Sci - Chem
Aug 64

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Microelements in the Soils of the USSR, by
V. A. Kovda, I. V. Yakushhevskaya, 50 pp.
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Soyuzu, 1959.
CFSTI TT 66-51109

Soil-Site Sci
Jul 68

359.973

Improving of Plant Nutrition with Manganese
Microfertilizers, by P. A. Vlasyuk,
RUSSIAN, per, Mikroelem. Sel. Khoz. Medits.,
1956, pp 111-124,
NLL RTS 3527
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Sci-Agri
Apr 67

324,05i

Studies on the Content and Distribution of Zinc
in the Pancreas, by I. A. Shevchuk
RUSSIAN, rpt, Mikroelementy v Selskom Khozyaistve
i Meditsine. Vsesoyuznoe Soveshchanie po Voprosam
Primeneniya Mikroelementov v Selskom Khozyaistve
(no 4). Materialy. Kiev, Jul 4-9, 1962. Pub 1963,
pp 669-672 **P91043868**
NTC 71-16504-06R

AEC UCRL -TR -10099

mar 72

Research and Problems Relating to the "Bio-
logical Role of Trace Elements in the Life of
Plants, Animals, and Humans", by P. A. Vlas'yuk,
22 pp.

RUSSIAN, bk, Mikroelementy v zhizni rasteniy,
zhivotnykh i cheloveka, 1954, pp. 3-23.
JPNB 31616

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Aug 65

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Some Results and Goals of Further Research
on Trace Elements in Medicine, by A. O. Vaynsht
and V. R. Sosulin, 6 pp.
~~Издательство Академии Наук СССР
шестидесят первое издание~~
JPRS 31516

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Familial Factor in Hepatolenticular Degeneration,
by N. F. Kurnosova, 7 pp.
RUSIAN, bk. Mikroelementy v zhivotnykh rasteniyakh,
zhivotnykh i cheloveka, 1964, pp. 291-297.
JPRS 31616

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Aug 65

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S-18/66

DC-11533
15 July 65

See Attached Sheet.

BK, Mikroelementy v Zemnykh Shirokostyakh, Zhivotnykh, i Cheloveka, Trudy Nauko-tekhnicheskogo Soveshchaniya Problemy Konfliktov Akademii Nauk Ukrainskoi SSR ot 22-23 Fevralya 1963, Kiev, 1964. pp 3-28; 280-297;
303-306; 312-323 X JPRS
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Electrolytic Hygrometers, by Z. I. Kir'yaskina,
V. A. Nosova, 9 pp.

RUSSIAN, monograph, Mikroklimaticheskiy i Klimati-
cheskiye Issledovaniya v Prikasivskoy Nizmennosti,
Moscow, 1953, pp 163-167.

CIA/FDD U-8240

35, 9//

Sci Geophysics, Meteorology

May 56/dex

Microclimate and Regional Climate, 501 pp
by S. A. Sapozhnikova

RUSSIAN, bk, Mikroklimat i Mestnyy Klimat.

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OTS 63-15788 (Joon)

A-10329

(DC-1946)

S-4172

Microclimate and Its Importance in Agriculture, by I. A.
Goltsberg, 75 pp. UNCLASSIFIED.

RUSSIAN, bk, Mikroklimat i Yego Znacheniiye v Sel'skom Khozyaystve, Leningrad, 1957, pp 1-65.

US JPRS/DC-L-657

Sci - Geophysics, meteorology

69, 580

Microorganisms and Organic Matter of
Soils, by M.M. Kononova, 306pp.
RUSSIAN, bk, Mikroorganizmy i Organiches-
koe Veshchestvo Pochv, 1961.
CPSTI TT 69-55087

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May 70